

Living with Heterogeneity

“Bridging the Worlds”

T.N.C.Venkata Rangan

CMD, Vishwak Solutions Pvt. Ltd.

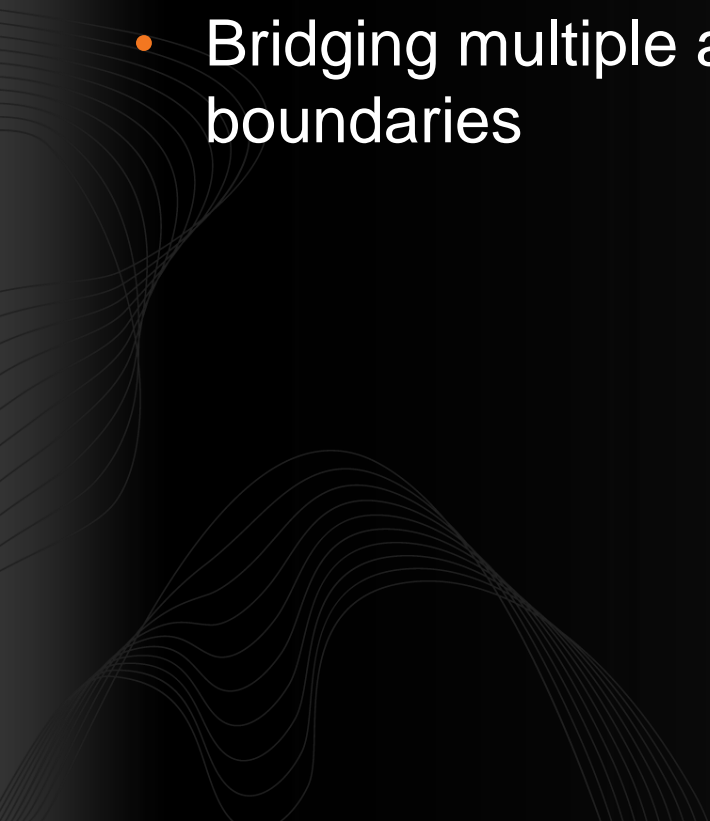
Microsoft (MSDN) Regional Director, Chennai

Microsoft MVP – Windows Live Platform

Open Source

- .NET core libraries and several key libraries like Silverlight controls are shared source
- .NET BCL is now available as source for viewing and debugging purposes
- MFC has always be open source
- Lets talk about the huge open source community on MS technologies in sourceforge, codeplex
- Open source is not just code
 - it also include sharing best practices – our patterns and practices and Enterprise Library Blocks are open source!
 - **In IE 8 all CSS 2.0 test cases/suites used are being made open source**
- AJAX Control Toolkit, IronPython, Web Client Software Factory, Community Kit for SharePoint, Web Service Software Factory

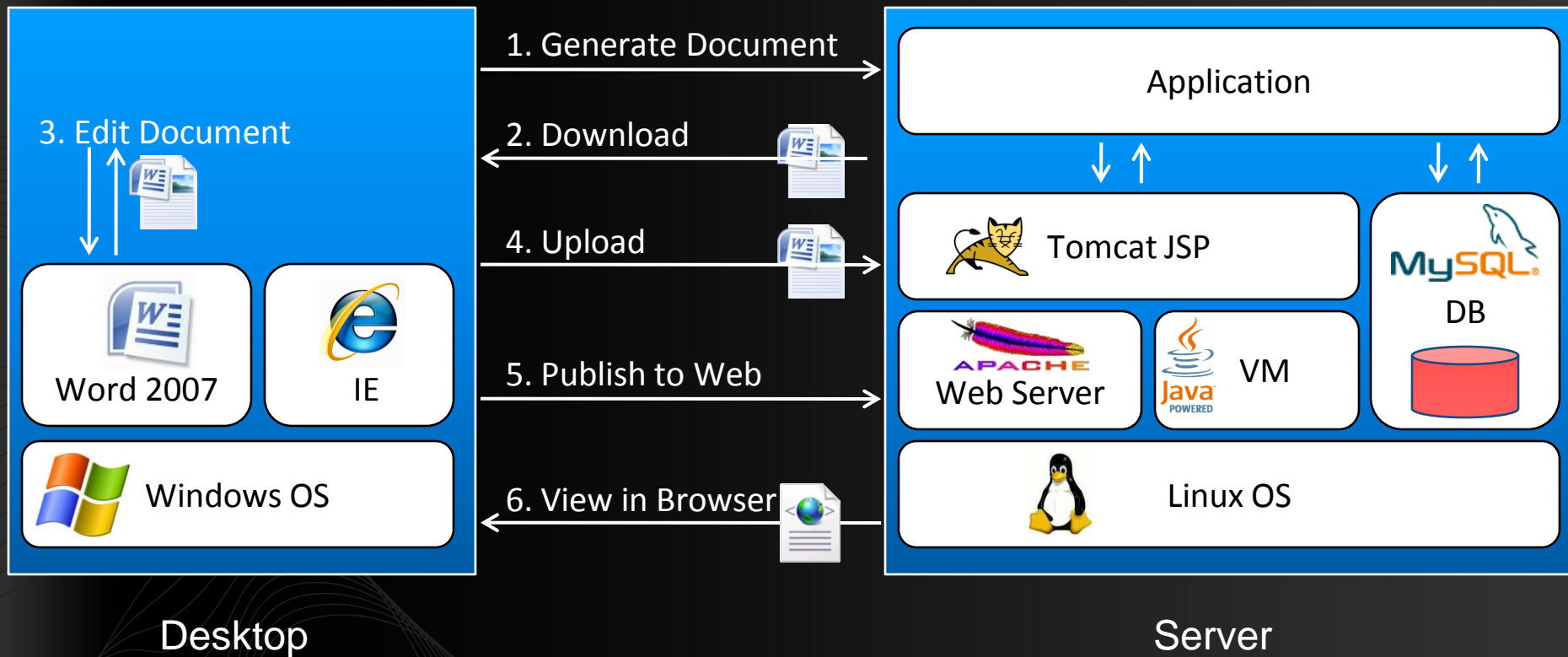
Why Interoperability?

- Enterprise software requirements are complex
 - Often have multiple environments
 - Most client environments have Windows and Office
 - Bridging multiple applications across organization boundaries
- 

Scenarios

- Office Interoperability
 - Most clients are running Windows and Office
 - Office document format is most popular
- Web Services Interoperability
 - WS-* standards are the best way to have multiple stacks interop
 - Important for tools and technologies to have a common way of passing data
- Rich Internet Applications
 - Front-end application development can still leverage rich UI technologies such as WPF and Silverlight
- Dynamic Language Runtime
 - .NET Language independence allows developers with skills of any language to target CLR
 - Can achieve high-performance, reliability and security

Demo: Office Interoperability



Silverlight


- Rich Internet Applications using Silverlight
 - Cross-platform and Cross-browser
 - Works on Windows and Mac
 - Works on IE, Firefox, Safari, Opera
 - Novell Moonlight port for Linux
 - Developer-Design Integration with Microsoft Expression Blend and developer IDE

Demo: Silverlight RIA



Microsoft
Silverlight Airlines

[Home](#)
[Book a Flight](#)
[Frequent Flyer](#)
[Customer Service](#)
[Company Info](#)



United States
Great Britain
Canada
Mexico
Africa
Asia
Australia
Europe
North America
South America

S	M	T	W	Th	F	S
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
1	2	3	4	5	6	7
8	9	10	11	12	13	14

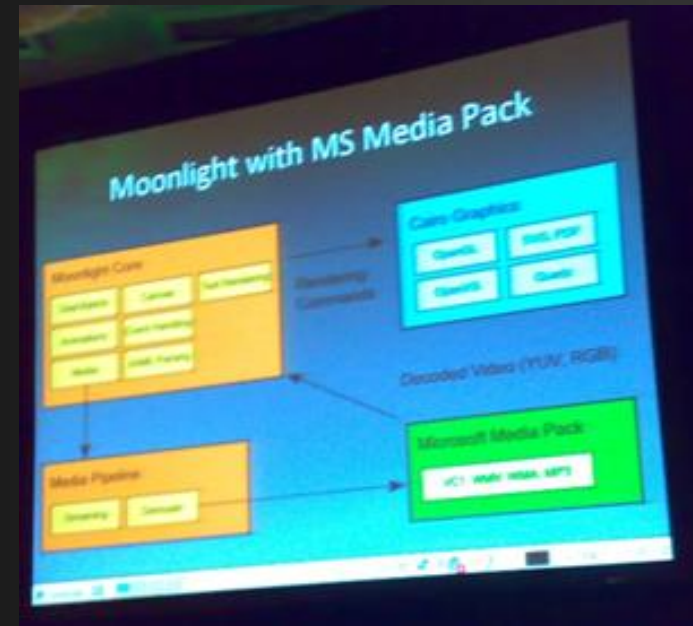
April 08

May 08

12AM	1AM	2AM	3AM	4AM	5AM	6AM	7AM	8AM	9AM	10AM	11AM	12PM	1PM	2PM	3PM	4PM	5PM	6PM	7PM	8PM	9PM	10PM	11PM		
					5:14 (SEA)				SL18			ATL	1:17												
					5:44 (SEA)				SL84			CMH		CMH SL82	ATL	4:25									
									SL40		BIS		BIS	SL02	CHI					CHI	SL13	ATL	7:21		
								8:14 (SEA)				SL66			CMH						CMH SL57	ATL	7:21		
														2:32 (SEA)							SL30			ATL	10:54

MoonLight

- A Novell Project:
 - To deliver 100% Silverlight 2.0 compatible
 - Support it on all major Linux distros
- Microsoft to provide:
 1. Complete Silverlight 2.0 Specification for implementation
 2. Entire Regression Test cases used in Silverlight 2.0
 3. Media Pack for all Moonlight users



Internet Explorer 8.0

- Standards compliance by default
 - First IE Edition to pass ACID 2 Test
 - Generated Content and Counters
 - New 'display' values for tables
 - Outlines
 - CSS 3 Box-Sizing Property, CSS 3 Vertical Text
 - CSS Selector API
- Improved User Productivity : Resilient after crashes , unlocking the web with W3C ARIA
- Activities and Webslices implemented as OpenService
- Most of the performance problems were Network related:
 - In Broadband the parallel connection limit increased to Six from two
 - JScript improvements
- HTML 5.0 Offline storage, offline/online events

Where to start?

- Download the free to use tools:
 - Visual Studio 2005/2008 Express Edition (Web, C#, VB)
 - SQL Server 2005/2008 Express Edition
 - Microsoft Silverlight SDK
- 60 days trial of Virtual PC images of various MS server environments & IE 8.0

Resources

Open XML Resources

- www.openxmldeveloper.org
- www.openxmlcommunity.org

Silverlight Resources

- www.silverlight.net

Interoperability Resources

<http://www.microsoft.com/interop/>

Questions?

- venkatarangan@hotmail.com
- www.venkatarangan.com/blog

Microsoft[®]

Your potential. Our passion.[™]